

IN THE SPECIFICATION

Please replace paragraph 21 with the following:

The airbag system 14 deploys an airbag 24 under certain collision conditions. The deployment force for the airbag 24, shown as deployed in dashed lines in Figure 1, varies depending upon the type of occupant that is belted to the seat 12. When an adult vehicle occupant 20 is belted to the vehicle seat 12, the airbag 24 should be deployed in a normal manner shown in Figure 1. If there is an infant or child seat 26 secured to the vehicle seat 12, see Figure 2, then the airbag 24 should not be deployed. Thus, it is important to be able to determine whether there is an adult vehicle occupant 20 belted to the seat 12 or whether an infant or child seat 26 is secured to the seat 12 with a seatbelt 22. One way to determine this is by monitoring the tension exerted on the seatbelt 22. When an adult vehicle occupant 20 is belted to the seat, normal seatbelt forces are exerted against the seatbelt 22. When an infant or child seat 26 is belted to the seat 12, high tension forces are exerted on the seatbelt 22 because the seatbelt 22 is overtightened to securely hold the infant or child seat 26 in place.

Please replace paragraph 27 with the following:

As discussed above, the plate 42 is hard mounted to a vehicle structure. The vehicle structure can be a B-pillar 68 as shown in Figures 8 and 9 or the seatbelt latch mechanism 32 as shown in Figure 10. The B-pillar 68 extends vertically to one side of the vehicle and is typically positioned adjacent to the seat 12 and behind a front passenger door of the vehicle. For a side mount, such as the B-pillar, side anchor, or side buckle mount a secondary metal plate or bracket 70 is included to provide a guide for the seatbelt 22. The bracket 70 includes at least one circular

boss 72 for receiving a pivot pin or shaft 74 at one end 76. Preferably, a pair of bosses 72 are mounted on opposite sides of the bracket, which include openings 90 for receiving the pivot pin 74. One end 78 of the secondary metal plate 70 includes an opening 96 that is overlaid and aligned with opening 82 of the rigid metal plate 42 to receive at least one fastener 80. The one mounting portion end 78 of the bracket 70 is preferably parallel to the rigid metal plate 42 while the other mounting portion including the bosses 72 is preferably non-parallel or transverse to the rigid metal plate 42.

Please replace paragraph 28 with the following:

The bracket 70 pivots about an axis 92 defined by the openings 90 and the pivot pin or shaft 74 relative to the vehicle structure. The rigid metal plate 42 defines an axial input load force axis 94 (see Fig. 4) and the pivot axis 92 is transverse to this axial input load force axis 94. This configuration provides a guide for the seatbelt 22 and eliminates adverse effects on the strain gage 52 due to loads applied at undesirable angles to the seatbelt 22.

Please replace paragraph 29 with the following:

The seatbelt latch mechanism 32 mount is shown in Figure 10. The second end 48 of the plate 42 includes the opening at least one aperture 82 for receiving the a-fastener 80 84 to hard mount the plate 42 to the seat. The opposite end 44 of the plate 42 has an elongated slot 86 for connecting the plate 42 to the looped material, which extends to the female receptacle 34 having a slot 88 for receiving the male buckle member 30.

Please replace the unnumbered paragraph after paragraph 30 with the following:

The bracket 70 is shown in greater detail in Figure 11. The bracket 70 includes a generally flat body portion 100 that is defined by a first end 102, a second end 104, a first side 106 interconnecting the first 102 and second 104 ends to define a first edge 108, and a second side 110 interconnecting the first 102 and second 104 ends to define a second edge 112 opposite from the first edge 108. The bosses ~~boss portions~~-72 each extend outwardly along a portion of the first 108 and second 112 edges. The bosses ~~boss portions~~-72 with aligned openings 90 support the pivot shaft 74 at the second end 104 and the body portion 100 is attached to the rigid metal plate 42 at the first end 102.